

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of ground water in Newport News, Virginia.

PUBLIC COMMENT PERIOD: December 23, 2012 to January 22, 2013

PERMIT NAME: Ground Water Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board

APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Continental Automotive Systems US, Inc.; 615 Bland Blvd. Newport News, Virginia 23602; GW0042801

NAME AND LOCATION OF WATER WITHDRAWAL: Continental Automotive Systems US, Inc.; 615 Bland Blvd. Newport News, Virginia 23602

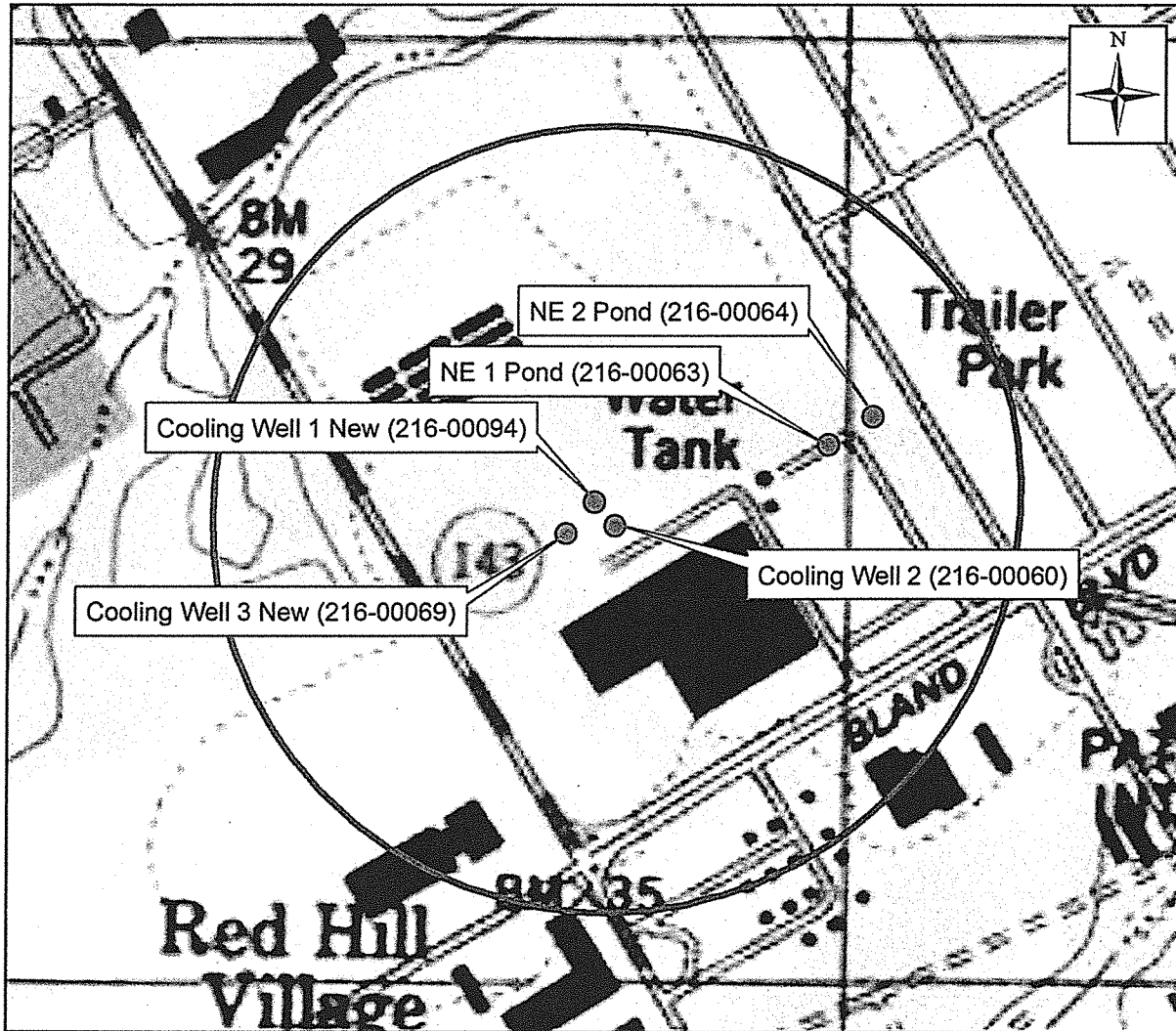
PROJECT DESCRIPTION: Continental Automotive Systems US, Inc. has applied for reissuance of a permit for Continental Automotive Systems US, Inc. in Newport News, Virginia. The permit would allow the applicant to withdraw an average of 42,222 gallons per day. The ground water withdrawal will support industrial purposes to provide cooling tower makeup water and landscape irrigation which are similar existing uses supported by the pervious permit. The proposed withdrawal will utilize the Yorktown-Eastover aquifer at a depth between 50 feet to 180 feet below the land surface and the Water Table aquifer with a base at 30 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which ground water is stored and transported. DEQ has made a tentative decision to issue the permit.

AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the affected aquifers may experience one foot of drawdown due to the withdrawal is illustrated on maps that can be viewed at:

<http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx>

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. **CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION:** Hank Ghittino; Tidewater Regional Office, 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ office named above by appointment.

Continental Automotive Systems US Inc. Area of Impact - Yorktown-Eastover Aquifer



● Continental Automotive Systems US Inc. Wells

○ Area of Impact

Simulated drawdown at or exceeding one foot in the Yorktown-Eastover aquifer resulting from a 2-dimensional analytical simulation (Hantush-Jacob 1955). The withdrawal rate was established at 14,332,118 gallons per year or 39,266 gallons per day (93% of the total requested amount of 15,410,800 gallons per year or 42,222 average gpd). Maximum radius of one-foot drawdown (Area of Impact) occurs 1,485 feet from the pumping center.

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Feet

Technical Evaluation performed
by Aquaveo, LLC for the Virginia
DEQ, Office of Surface and Ground
Water Supply Planning
August 1, 2011

